

 (TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.
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MSEARCH n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Fri Jan 14 03:34:04 2000; MasPar time 73.34 Seconds

Tabular output not generated.

Title: >US-08-978-217-15

Description: (3601-4600) from US08978217.seq (5 of 10)

N.A. Sequence: 3601 CTCATGGCTGCCACTGTGA.....GGGACTTGCCCCCTTG 4600

Comp:

Scoring table: TABLE default
 Gap 6

Nmatch 0; Dbase 0; Query 0

Searched: 165362 seqs, 43234748 bases x 2

Post-processing: Minimum Match 0 &
 Listing first 45 summaries

Database:

n-issued

1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics:
 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description	Pred. No.
1	163	163	1920	US-08-745-Sequence 1, Application 7.53e-107	
c	67	6.7	7218	US-08-232-Sequence 14, Application 1.43e-31	
c	34	3.4	965	US-08-388-Sequence 22, Application 3.35e-08	
c	33	3.3	215	US-08-238-Sequence 5, Application 1.49e-07	
c	31	3.1	215	US-08-238-Sequence 5, Application 2.80e-06	
c	30	3.0	7218	US-08-232-Sequence 14, Application 1.19e-05	
c	29	2.9	965	US-08-238-Sequence 22, Application 4.94e-05	
c	25	2.5	105	PCT-US95-1 Sequence 92, Application 1.23e-02	
c	24	2.4	74	PCT-US95-1 Sequence 94, Application 4.64e-02	
c	24	2.4	82	PCT-US95-1 Sequence 97, Application 4.64e-02	
c	23	2.3	65	US-08-471-Sequence 145, Application 1.70e-01	
c	23	2.3	65	US-08-471-Sequence 144, Application 1.70e-01	
c	23	2.3	66	US-08-471-Sequence 144, Application 1.70e-01	
c	23	2.3	68	US-08-471-Sequence 143, Application 1.70e-01	
c	17	2.3	69	US-08-471-Sequence 142, Application 1.70e-01	
c	18	2.3	75	PCT-US95-1 Sequence 99, Application 1.70e-01	
c	23	2.3	75	PCT-US95-1 Sequence 99, Application 1.70e-01	
c	19	2.3	81	PCT-US95-1 Sequence 98, Application 1.70e-01	
c	20	2.3	81	PCT-US95-1 Sequence 98, Application 1.70e-01	

RESULT		1	ID		US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
AC	xxxxxx		DR		
CC	Sequence 1, Application US/08746789A		DE		
CC	Patent No. 5789400		CC		
CC	GENERAL INFORMATION:		CC		
CC	APPLICANT: Ismail Kola, Martin J. Tytus, Christine DeBeuck		CC		
CC	TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3		CC		
CC	NUMBER OF SEQUENCES: 4		CC		
CC	CORRESPONDENCE ADDRESS:		CC		
CC	ADDRESSEE: Smithkline Beecham Corporation		CC		
CC	STREET: 709 Swedeland Road, P.O. Box 1539		CC		
CC	CITY: King of Prussia		CC		
CC	STATE: PA		CC		
CC	COUNTRY: USA		CC		
CC	ZIP: 19405-0939		CC		
CC	COMPUTER READABLE FORM:		CC		
CC	MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE		CC		
CC	COMPUTER: IBM 486		CC		
CC	OPERATING SYSTEM: WINDOWS FOR WORKGROUPS		CC		
CC	SOFTWARE: MICROSOFT WORD		CC		
CC	CURRENT APPLICATION DATA:		CC		
CC	APPLICATION NUMBER: US/08/746,789A		CC		
CC	FILING DATE: NO. 5/18/9200ember, 15, 1996		CC		
CC	CLASSIFICATION: 514		CC		
CC	PRIOR APPLICATION DATA:		CC		
CC	APPLICATION NUMBER:		CC		
CC	FILING DATE:		CC		
CC	ATTORNEY/AGENT INFORMATION:		CC		
CC	NAME: William T. Han		CC		
CC	REGISTRATION NUMBER: 34,344		CC		
CC	REFERENCE/POCKET NUMBER: ATG 50024		CC		
CC	TELECOMMUNICATION INFORMATION:		CC		
CC	TELEPHONE: 610 270 5219		CC		
CC	TELEFAX: 610 270 4026		CC		
CC	INFORMATION FOR SEQ ID NO: 1:		CC		
CC	SEQUENCE CHARACTERISTICS:		CC		
CC	LENGTH: 1920		CC		
CC	TYPE: Nucleic Acid		CC		
CC	STRANDEDNESS: Single		CC		
CC	TOPOLOGY: Linear		CC		
CC	ANTI-SENSE: No		CC		

Query Match 16-3%; Score 163; DB 3; Length 1920;
 Best Local Similarity 86.2%; Pred. No. 7. 53e-107; Gaps 0;
 Matches 194; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

Db 275 CAGAGAAAGGTAGCTGGTGGGGACAGGCCAGTTCTGTCGAGAACGCGAGGTCTGG 334
 Qy 4149 CAGAGAAAGCAAGTGGATAGCGAGGCCAGTTCTGTCGAGAACGCGAGGTCTGG 340
 Db 335 ACTGATGATCAGCTTCAAAGTGAGAAGACAGTAGACGAGCCATGACTCTCAC 394
 Qy 4209 AGTGGATAGCTTCAAAGTGAGAAGACAGTAGACGAGCCATGACTCTCAC 4268
 Db 395 GATGTCAGATGGATGGGCCACCCCTGCATTGRCCTTGAGGAGCTGGCTGGCT 454
 Qy 4269 GCTGCAACATGGACGGACCCCTCTGCAGCTSGCGCTGGAGGACTGGCTAGTCT 4328
 Db 455 TTGGCCCTCTGGGGACCACTCATGCCAGCTGGAGACCTCA 499
 Qy 4329 TTGGACCTCTGGGAGACAGCTCCATGCCAGCTGGAGACCTCA 4373

RESULT 2 ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
 AC xxxx
 DT Sequence 14, Application US/08232463
 CC Sequence 14, Application US/08232463
 CC Patent No. 5670367
 CC GENERAL INFORMATION:
 CC APPLICANT: DORNER, F.
 CC APPLICANT: SCHEIFFLINGER, F.
 CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
 CC NUMBER OF SEQUENCES: 52
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Foley & Lardner
 CC STREET: 1800 Diagonal Road, Suite 500
 CC CITY: Alexandria
 CC STATE: VA
 CC COUNTRY: USA
 CC ZIP: 22213-0399
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/232,463
 CC FILING DATE: 26-AUG-1991
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US/07/935,313
 CC FILING DATE:
 CC APPLICATION NUMBER: EP 91 114 300 6
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: BENT, Stephen A.
 CC REGISTRATION NUMBER: 29 768
 CC REFERENCE/DOCKET NUMBER: 30472/114 IMMU
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (703)836-9300
 CC TELEFAX: (703)683-4109
 CC TELEX: 899149
 CC INFORMATION FOR SEQ ID NO: 14:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 7218 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC IMMEDIATE SOURCE:
 CC CLONE: PTZGPT-FLS

RESULT 3 ID US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
 AC xxxx
 DT Sequence 22, Application US/08388672A
 CC Sequence 22, Application US/08388672A
 CC Patent No. 5795961
 CC GENERAL INFORMATION:
 CC APPLICANT: Wallace, T. Paul
 CC APPLICANT: Harris, William J.
 CC APPLICANT: Carr, Frank J.
 CC APPLICANT: Ould, Lloyd J.
 CC APPLICANT: Welt, Sydney
 CC TITLE OF INVENTION: Recombinant Human Anti-Lewis B
 CC NUMBER OF SEQUENCES: 25
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: KitaMura, Kunio
 CC STREET: 805 Third Avenue
 CC CITY: New York
 CC STATE: New York
 CC COUNTRY: U.S.A.
 CC ZIP: 10022
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, version #1.30
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/388,672A
 CC FILING DATE: 14-FEB-1995
 CC CLASSIFICATION:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Hanson, No. 5795961man D.
 CC REGISTRATION NUMBER: IUD 5409
 CC REFERENCE/DOCKET NUMBER: IUD 5409
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: 212-688-9200
 CC TELEFAX: 212-838-3884
 CC INFORMATION FOR SEQ ID NO: 22:
 CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 965 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: unknown
 CC TOPOLogy: unknown
 CC MOLECULE TYPE: DNA (genomic)
 SQ SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.
 Query Match 3.4%; Score 34; DB 3; Length 965;
 Best Local Similarity 12.5%; Pred. No. 3.3e-08; Mismatches 55; Indels 2; Gaps 2;
 Matches 19; Conservative 76; Mismatches 93; Indels 1; Gaps 1;
 Db 782 URHUVHVSQGVVASTCTASDY-TTSWGWVRGRGDYGGTYTINYKRGRTMAATSS 840
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 Cp 4298 TCCAGAGGGTGCCTCCGTCATGGAGCGGGAGAAGTCGAGTGGACATGGCTCATACT 4239
 ::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|:
 Db 841 NSRSVVAADTAVYCYVRGRSVDSDGSDYWGSGTTVYSHUTVKDMTSSSSASVGDRVTC 900
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 Cp 4238 TGTCTCTCCACTGAGTAGCAGTCCAGA-ACCTGGGCTCGACGAGAATGG 4180
 ::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|:
 Db 901 RSSTTHENGNTWYKAKYVSNRSGVRS 932
 ::|::|::|::|::|::|::|::|::|::|::|::|::|::|:
 Cp 4179 GGCCGGCTGCTAGTCCAGCTGCTCTCTGC 4148
 ::|::|::|::|::|::|::|::|::|::|::|::|::|:
 RESULT 4
 ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
 AC xxxxxx
 DT
 DE Sequence 5, Application US/08238163
 CC Sequence 5, Application US/08238163
 CC Patent No. 5569830
 GENERAL INFORMATION:
 CC APPLICANT: BENNETT, Alan
 CC APPLICANT: LABAVITCH, John M.
 CC APPLICANT: POWELL, Ann
 CC APPLICANT: STOTZ, Henrik
 TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL DISEASE
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Townsend and Townsend Khourie and Crew
 CC STREET: Stewart Street Tower, One Market Plaza
 CC CITY: San Francisco
 CC STATE: California
 CC COUNTRY: US
 CC ZIP: 94105-1493
 COMPUTER READABLE FORM:
 CC MEDIUM TYPE: FLOPPY DISK
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/238,163
 CC FILING DATE: 03-MAY-1994
 CC CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 CC NAME: Bastian, Kevin L.
 CC REGISTRATION NUMBER: 34,774
 CC REFERENCE/DOCKET NUMBER: 2307E-540
 TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (415) 543-9600
 CC TELEFAX: (415) 543-5043
 INFORMATION FOR SEQ ID NO: 5:
 CC SEQUENCE CHARACTERISTICS:
 LENGTH: 215 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: unknown
 MOLECULE TYPE: protein
 FEATURE:
 CC NAME/KEY: misc.feature
 CC LOCATION: 1..215
 OTHER INFORMATION: /standard_name= "Deduced amino acid
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 CC SEQUENCE 215 BP; 15 A; 25 G; 26 T; 141 OTHER.
 Query Match 3.3%; Score 33; DB 1; Length 215;
 Best Local Similarity 14.1%; Pred. No. 1.4e-07; Mismatches 28; Conservative 76; Mismatches 93; Indels 1; Gaps 1;
 Matches 28; Mismatches 93; Indels 1; Gaps 1;
 Db 8 SSSVSRATSCNDKAKKGNTISSWTDCCNRIWGVQDITDTIYRNNDGHNKYSANY 67
 ::::::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|:
 QY 4397 GGCCCTAAAGACTGAGCGGGGGCGGACATGGCCAGGGTGCGACATCGAGCCC 4456
 ::|::|::|::|::|::|::|::|::|::|::|::|::|::|:
 Db 68 YSNNNVRAKTKYTHNSGADSKVTDYNSVNRGSNNGTDGRNSGDSYSSKTAM 127
 ::|::|::|::|::|::|::|::|::|::|::|::|::|::|:
 QY 4457 CTGGCGAACCTGGCTGGTGACGCTCCFCCTGCCAGCCCAACTTC 4516
 ::|::|::|::|::|::|::|::|::|::|::|:
 Db 128 TSRRNRTKTAIVDAVDSRNMGDSVGSKDNTKKH-AKNSADGKVSKNNGDRNRYTGK 186
 ::|::|::|::|::|::|::|::|::|::|::|:
 QY 4517 TGATGAACTCAGCTGGACATCGAGCTGCTGGAGAAGGATGGCATGTOCTCCAAGAG 4576
 ::|::|::|::|::|::|::|::|::|::|:
 Db 187 SWSNNCGGNKRDVSY 204
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 QY 4577 CCTAGGGGACTTGGGCC 4594
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 RESULT 5
 ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
 AC xxxxxx
 DT
 DE Sequence 5, Application US/08238163
 CC Sequence 5, Application US/08238163
 CC Patent No. 5569830
 GENERAL INFORMATION:
 CC APPLICANT: BENNETT, Alan
 CC APPLICANT: LABAVITCH, John M.
 CC APPLICANT: POWELL, Ann
 CC APPLICANT: STOTZ, Henrik
 TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL DISEASE
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Townsend and Townsend Khourie and Crew
 CC STREET: Stewart Street Tower, One Market Plaza
 CC CITY: San Francisco
 CC STATE: California
 CC COUNTRY: US
 CC ZIP: 94105-1493
 COMPUTER READABLE FORM:
 CC MEDIUM TYPE: FLOPPY DISK
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/238,163
 CC FILING DATE: 03-MAY-1994
 CC CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 CC NAME: Bastian, Kevin L.
 CC REGISTRATION NUMBER: 34,774
 CC REFERENCE/DOCKET NUMBER: 2307E-540
 TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (415) 543-9600
 CC TELEFAX: (415) 543-5043
 INFORMATION FOR SEQ ID NO: 5:
 CC SEQUENCE CHARACTERISTICS:
 LENGTH: 215 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: unknown
 MOLECULE TYPE: protein
 FEATURE:
 CC NAME/KEY: misc.feature
 CC LOCATION: 1..215
 OTHER INFORMATION: /standard_name= "Deduced amino acid

CC SQ SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

Query Match 3.1%; Score 31; DB 1; Length 215;
Best Local Similarity 13.2%; Pred. No. 2.80e-06;
Matches 21; Conservative 63; Mismatches 74; Indels 1; Gaps 1;

CC AC CP 4184 ACTGGGGCCGCTCGCTA-GTCCAGCTTGCTCTCTGCAAGGTGGAGTACGCCAGAGA 4126

Db 51 RVNNDGHNKSSANTNYGGNNVGAATKHTYTHNTNGASAKTVTDNSYNSGTSSNNGT 110

CC CC CP 111 DGNRSGADGSSKTAMTSRRTGKPNANNVDSRNMGDAVGSDKNTKKRAKNSDGKV 170

Db 4125 TCAGTCCTGTCCTTGGAACTTGCTGTCAGCTTGCTCTCTGCAAGGTGGAGTACGCCAGAGA 4056

CC AC Db 171 SKNNGDNRNRYGTGKNSVSNNCGGGNKRQDVSYANNKC 209

CC CP 4065 GGGACAGATCATATCACAATCACACACAGCTAGTC 4027

RESULT 6 ID US-08-232-463-14 STANDARD: DNA; UNC; 7218 BP.

AC XXXXXX

DE Sequence 14, Application US/08232463

CC Sequence 14, Application US/08232463

CC Patent No. 5670367

DE Sequence 14, Application US/08232463

CC GENERAL INFORMATION:

CC APPLICANT: DORNER, F.

CC APPLICANT: SCHEFLINGER, F.

CC APPLICANT: FALKNER, F. G.

CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS

CC NUMBER OF SEQUENCES: 52

CC CORRESPONDENCE ADDRESS:

CC ADDRESS: Foley & Lardner

CC STREET: 1800 Diagonal Road, Suite 500

CC CITY: Alexandria

CC STATE: VA

CC COUNTRY: USA

CC ZIP: 22313-0299

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: FLOPPY DISK

CC COMPUTER: IBM PC COMPATIBLE

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/232,463

CC FILING DATE: CLASSIFICATION: 435

CC PRIORITY APPLICATION DATA:

CC APPLICATION NUMBER: US/07/935,313

CC FILING DATE: APPLICATION NUMBER: EP 91 114 300 6

CC ATTORNEY/AGENT INFORMATION:

CC NAME: BENT, Stephen A.

CC REFERENCE NUMBER: 29,768

CC TELEPHONE: (703)830-9300

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (703)683-8109

CC TELEX: 899149

CC INFORMATION FOR SEQ ID NO: 14:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 7218 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC IMMEDIATE SOURCE:

CC CLONE: PTGPT-F1S

CC SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.

RESULT 7 ID US-08-388-672A-22 STANDARD: DNA; UNC; 965 BP.

AC XXXXXX

DE Sequence 22, Application US/08388672A

CC Sequence 22, Application US/08388672A

CC Patent No. 5795961

CC GENERAL INFORMATION:

CC APPLICANT: Wallace, T. Paul

CC TITLE OF INVENTION: Recombinant Human Anti-Lewis B

CC NUMBER OF SEQUENCES: 25

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Relife and Lynch

CC STREET: 805 Third Avenue

CC CITY: New York

CC STATE: New York

CC COUNTRY: U.S.A.

CC ZIP: 10022

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: FLOPPY DISK

CC COMPUTER: IBM PC COMPATIBLE

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.30

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/388,672A

CC FILING DATE: 14-FEB-1995

CC CLASSIFICATION:

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Hanson, No. 5795961man D.

CC REGISTRATION NUMBER: 30,946

CC REFERENCE/DOCKET NUMBER: LUD 5409

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: 212-688-9200

CC TELEFAX: 212-838-3884

CC INFORMATION FOR SEQ ID NO: 22:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 965 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: unknown

CC TOPOLOGY: unknown

SQ SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

Query Match 2.9%; Score 29; DB 3; Length 965;

Best Local Similarity 18.6%; Pred. No. 4.94e-05;

Matches 19; Conservative 45; Mismatches 38; Indels 0; Gaps 0;

Db 784 HUVVSSGVRSTCTIASDVTWSWGRGRSGDGGYTNNGKGRVTMADTSSNR 843

Qy 3806 CTGAGAGCTTCTAGATGATAATGGACGGAGGAAGGTAATCCGAGTTAGTCCTG 3865

Db 844 SSVTRADAVYYCVRGRSVDSDGDDWGRGTTVWVSSHVKDM 885

Qy 3866 GGGAGGATTATTCATATGTTGTGAGTACTGGAA 3907

